BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
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Application Serial Number: _____10/055,569_____

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Revised 01/29/2002

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/055,569

DATE: 08/12/2002
TIME: 14:54:18

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Output Set: N:\CRF4\08122002\J055569.raw

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  3 <110> APPLICANT: Gangolli, Esha A
  4         Spytek, Kimberly A
  5         Gilbert, Jennifer
  6         Casman, Stacie
  7         Blalock, Angela
  8         Li, Li
  9         Vernet, Corine
 10         Shenoy, Suresh
 11         Mishra, Vishnu S
 12         Furtak, Katarzyna
 13         Gerlach, Valerie L
 14         Edinger, Shlomit
 15         Malyanker, Uriel
 16         Stone, David
 17         Millet, Isabelle
 18         Smithson, Glennda
 19         Gunther, Erik
 20         Ellerman, Karen
 21         Padigaru, Muralidhara
 22         Taupier Jr., Raymond J
 23         Anderson, David W
 25 <120> TITLE OF INVENTION: Novel Human Proteins, Polynucleotides Encoding Them and
 26         Methods of Using the Same
 28 <130> FILE REFERENCE: 21402-191
 30 <140> CURRENT APPLICATION NUMBER: 10/055,569
C--> 31 <141> CURRENT FILING DATE: 2002-08-06
 33 <150> PRIOR APPLICATION NUMBER: 60/243,642
 34 <151> PRIOR FILING DATE: 2000-10-26
 36 <150> PRIOR APPLICATION NUMBER: 60/243,320
 37 <151> PRIOR FILING DATE: 2000-10-26
 39 <150> PRIOR APPLICATION NUMBER: 60/243,592
 40 <151> PRIOR FILING DATE: 2000-10-26
 42 <150> PRIOR APPLICATION NUMBER: 60/243,681
 43 <151> PRIOR FILING DATE: 2000-10-27
 45 <150> PRIOR APPLICATION NUMBER: 60/243,863
 46 <151> PRIOR FILING DATE: 2000-10-27
 48 <150> PRIOR APPLICATION NUMBER: 60/244,443
 49 <151> PRIOR FILING DATE: 2000-10-31
 51 <150> PRIOR APPLICATION NUMBER: 60/245,029
 52 <151> PRIOR FILING DATE: 2000-11-01
 54 <150> PRIOR APPLICATION NUMBER: 60/244,995
 55 <151> PRIOR FILING DATE: 2000-11-01
 57 <150> PRIOR APPLICATION NUMBER: 60/245,293
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RAW SEQUENCE LISTING   DATE: 08/12/2002
PATENT APPLICATION: US/10/055,569 TIME: 14:54:18

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61 <151> PRIOR FILING DATE: 2000-11-02
63 <150> PRIOR APPLICATION NUMBER: 60/245,316
64 <151> PRIOR FILING DATE: 2000-11-02
66 <150> PRIOR APPLICATION NUMBER: 60/262,994
67 <151> PRIOR FILING DATE: 2001-01-19
69 <150> PRIOR APPLICATION NUMBER: 60/269,056
70 <151> PRIOR FILING DATE: 2001-02-15
72 <150> PRIOR APPLICATION NUMBER: 60/272,923
73 <151> PRIOR FILING DATE: 2001-03-02
75 <150> PRIOR APPLICATION NUMBER: 60/276,565
76 <151> PRIOR FILING DATE: 2001-03-15
78 <150> PRIOR APPLICATION NUMBER: 60/318,119
79 <151> PRIOR FILING DATE: 2001-09-07
81 <160> NUMBER OF SEQ ID NOS: 137
83 <170> SOFTWARE: PatentIn Ver. 2.1
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ERRORED SEQUENCES

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3398 <213> ORGANISM: Homo sapiens
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3405              20                  25                  30
3407 Trp Gly Pro Ser Ser Ser Leu Met Thr Glu Ile Ala Asp Leu Thr Tyr
3408          35                  40                  45
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3413 Asn Asp His Gly Lys Asn Trp Arg His Val Tyr Lys Ala Leu Thr Leu
3414  65                  70                  75                  80
3416 Leu Asp Tyr Leu Ile Lys Thr Gly Ser Glu Arg Val Ala Gln Gln Cys
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3423         115                 120                 125
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3426     130                 135                 140
3428 Ala Gln Ala Leu Lys Thr Lys Glu Arg Met Ala Gln Val Ala Thr Gly
3429 145                 150                 155                 160
3431 Met Gly Ser Asn Gln Ile Thr Phe Gly Arg Gly Ser Ser Gln Pro Asn
3432             165                 170                 175
3434 Leu Ser Thr Ser His Ser Glu Gln Glu Tyr Gly Lys Ala Gly Gly Ser
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See p. 5 for explanation

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PATENT APPLICATION: US/10/055,569   TIME: 14:54:18

Input Set : A:\Cura-491.app
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    3444 225                   230                   235                   240
    3446 Arg Arg Gly Asp Asp Leu Arg Leu Gln Met Ala Leu Glu Glu Ser Arg
    3447              245                   250                   255
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    3450              260                   265                   270
    3452 Gln Gln Thr Thr Leu Leu Asp Leu Met Asp Ala Leu Pro Ser Ser Gly
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    3455 Pro Ala Ala Gln Lys Ala Glu Pro Trp Gly Pro Ser Ala Ser Thr Asn
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    3464 Gly Val Pro Thr Gly Ala Thr Ala Gln Ser Val Pro Lys Asn Ser Asp
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    3470 Ser Asp Ala Trp Gly Ala Val Ser Thr Thr Lys Pro Val Ser Val Ser
    3471      370                   375                   380
    3473 Gly Ser Phe Glu Leu Phe Ser Asn Leu Asn Gly Thr Ile Lys Asp Asp
    3474 385                   390                   395                   400
    3476 Phe Ser Glu Phe Asp Asn Leu Arg Thr Ser Lys Lys Thr Ala Glu Ser
    3477              405                   410                   415
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    3480          420                   425                   430
    3482 Phe Glu Ser Gln Pro Leu Thr Val Ala Ser Ser Lys Pro Ser Ser Ala
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    3485 Arg Lys Thr Pro Glu Ser Phe Leu Gly Pro Asn Ala Ala Leu Val Asn
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    3495          500                   505                   510
    3497 Ser Pro Val Leu Gly Thr Ser Thr Ser Phe Gly Pro Gly Pro Gly Val
    3498          515                   520                   525
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    3501      530                   535                   540
    3503 Leu Gly Ala Thr Gly Ser Ser Leu Thr Pro Leu Gly Pro Ala Met Met
    3504 545                   550                   555                   560
    3506 Asn Met Val Gly Ser Val Gly Ile Pro Pro Ser Ala Ala Gln Ala Thr
    3507              565                   570                   575
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RAW SEQUENCE LISTING   DATE: 08/12/2002
PATENT APPLICATION: US/10/055,569   TIME: 14:54:18

Input Set : A:\Cura-491.app
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3509 Gly Thr Thr Asn Pro Phe Leu Leu
3510   580

VARIABLE LOCATION SUMMARY   DATE: 08/12/2002
PATENT APPLICATION: US/10/055,569   TIME: 14:54:20

Input Set : A:\Cura-491.app
Output Set: N:\CRF4\08122002\J055569.raw

<u>Use of n's or Xaa's(NEW RULES):</u>
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:44; Xaa Pos. 475

VERIFICATION SUMMARY   DATE: 08/12/2002
PATENT APPLICATION: US/10/055,569   TIME: 14:54:20

Input Set : A:\Cura-491.app
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L:31 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:3488 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:44